

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L9    | 37   | 714/710,"711".ccls.   | US-PGPUB  | OR               | ON      | 2004/05/27 13:37 |
| L10   | 2    | 714/710,"711".ccls. and ((fault faults faulty error errors defective defect defects malfunctioning) with (number) with (exceed exceeds exceeded esceeding)) and (column row (bit adj line) (word adj line) segment) | US-PGPUB  | OR               | ON      | 2004/05/27 13:39 |
| L11   | 41   | 714/710,"711".ccls. and ((fault faults faulty error errors defective defect defects malfunctioning) with (number) with (exceed exceeds exceeded esceeding)) and (column row (bit adj line) (word adj line) segment) | USPAT   | OR               | ON      | 2004/05/27 13:40 |
| L12   | 6    | "6000047"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/05/27 14:08 |
| L13   | 7    | ("5255227" "5495447" "5793686" "5795797" "5848077" "6000047" "6141779").pn.   | USPAT   | OR               | ON      | 2004/05/27 14:14 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 7    | ("3222653" "3444526" "3633175" "3697949" "3794819" "3803560" "3872291").pn.   | USPAT   | OR               | ON      | 2004/05/27 11:19 |
| L4    | 254  | "4394763" "3999051" "3917933" "6236602" "4939694" "4475194" "4460998" "4456995" "4450559"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/05/27 11:22 |
| L5    | 239  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments<br>(bit adj (line lines))) and ((fault faults<br>faulty error errors defective defect<br>defects malfunctioning) with<br>(number)) and (((fault faults faulty<br>error errors defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USPAT   | OR               | ON      | 2004/05/27 11:23 |
| L6    | 106  | 714/710,"711",723;365/200,"201".ccls.<br>and 714/763-773.ccls.  | USPAT   | OR               | ON      | 2004/05/27 11:23 |
| L7    | 318  | 5 6   | USPAT   | OR               | ON      | 2004/05/27 11:23 |
| L8    | 197  | 4 not 7   | USPAT   | OR               | ON      | 2004/05/27 11:24 |
| S1    | 1    | "842435"  | US-PGPUB  | OR               | ON      | 2004/05/27 07:07 |
| S2    | 1572 | 714/710,711;365/200,"201".ccls.   | US-PGPUB  | OR               | ON      | 2004/05/27 07:09 |
| S3    | 1594 | 714/710,"711",723;365/200,"201".ccls.   | US-PGPUB  | OR               | ON      | 2004/05/27 07:15 |
| S4    | 281  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects) with<br>(threshold thresholds capacity<br>capability ability)) (error adj<br>(correction correcting)) (parity CRC<br>Reed-Solomon BCH checksum))  | US-PGPUB  | OR               | ON      | 2004/05/27 07:15 |

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| S5 | 1125 | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects) with<br>(threshold thresholds capacity<br>capability ability)) (error adj<br>(correction correcting)) (parity CRC<br>Reed-Solomon BCH checksum))  | USPAT | OR | ON | 2004/05/27 07:18 |
| S6 | 616  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects) with<br>(threshold thresholds capacity<br>capability ability)) (error adj<br>(correction correcting)) (parity CRC<br>Reed-Solomon BCH checksum)) and<br>(redundant redundancy repair) and<br>(column row columns rows segment<br>segments)  | USPAT | OR | ON | 2004/05/27 07:21 |
| S7 | 745  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects) with<br>(threshold thresholds capacity<br>capability ability)) (error adj<br>(correction correcting)) (parity CRC<br>Reed-Solomon BCH checksum)) and<br>(redundant redundancy repair repairs<br>repairing repaired replace replaced<br>replaces replacing replacement) and<br>(column row columns rows segment<br>segments)   | USPAT | OR | ON | 2004/05/27 07:28 |
| S8 | 475  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments)<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) | USPAT | OR | ON | 2004/05/27 07:30 |

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| S9  | 164 | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments)<br>and ((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) and<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>))   | USPAT | OR | ON | 2004/05/27 07:32 |
| S10 | 225 | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments)<br>and ((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) and<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USPAT | OR | ON | 2004/05/27 07:37 |

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| S11 | 47 | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments)<br>and ((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) and<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | US-PGPUB                                   | OR | ON | 2004/05/27 07:37 |
| S12 | 7  | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments)<br>and ((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) and<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/27 07:40 |

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| S13 | 7   | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments<br>(bit adj (line lines))) and ((fault faults<br>faulty error errors defective defect<br>defects malfunctioning) with<br>(number)) and (((fault faults faulty<br>error errors defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/27 07:40 |
| S14 | 239 | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments<br>(bit adj (line lines))) and ((fault faults<br>faulty error errors defective defect<br>defects malfunctioning) with<br>(number)) and (((fault faults faulty<br>error errors defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USPAT                                      | OR | ON | 2004/05/27 11:23 |

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| S15 | 7   | 714/710,"711",723;365/200,"201".ccls.<br>and (((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum)) and (redundant<br>redundancy repair repairs repairing<br>repaired replace replaced replaces<br>replacing replacement) and (column<br>row columns rows segment segments<br>(bit adj (line lines))) and ((fault faults<br>faulty error errors defective defect<br>defects malfunctioning) with<br>(number)) and (((fault faults faulty<br>error errors defective defect defects<br>malfunctioning) with (number)) same<br>(((fault faults faulty error errors<br>defective defect defects<br>malfunctioning) with (threshold<br>thresholds capacity capability ability))<br>(error adj (correction correcting))<br>(parity CRC Reed-Solomon BCH<br>checksum))) | USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/27 09:22 |
| S16 | 1   | 714/710,"711",723;365/200,"201".ccls.<br>and 714/763-773.ccls.  | USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/27 09:22 |
| S17 | 106 | 714/710,"711",723;365/200,"201".ccls.<br>and 714/763-773.ccls.  | USPAT                                      | OR | ON | 2004/05/27 11:23 |
| S18 | 79  | S17 not S14   | USPAT                                      | OR | ON | 2004/05/27 09:23 |
| S19 | 1   | "4493075".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:29 |
| S20 | 1   | "4707810".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:29 |
| S21 | 1   | "3659088".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:30 |
| S22 | 1   | "3940601".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:30 |
| S23 | 1   | "4039813".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:30 |
| S24 | 1   | "4061908".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:30 |
| S25 | 1   | "4066880".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:30 |
| S26 | 1   | "4010450".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:31 |
| S27 | 1   | "4150428".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:31 |
| S28 | 1   | "4310901".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:31 |
| S29 | 1   | "4376300".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:32 |
| S30 | 1   | "3434116".PN.   | USPAT                                      | OR | ON | 2004/05/27 10:33 |

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| S31 | 27 | ("3331058" "3436734" "3633175"<br>"3999051" "4006467" "4051460"<br>"4093985" "4150428" "4375664"<br>"4394763").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/05/27 11:12 |
| S32 | 10 | ("3331058" "3436734" "3633175"<br>"3999051" "4006467" "4051460"<br>"4093985" "4150428" "4375664"<br>"4394763").pn. | USPAT   | OR | ON | 2004/05/27 11:16 |
| S33 | 7  | ("3917933" "3949208" "4175692"<br>"4255808" "4296494" "4319356"<br>"4359771").pn.                                  | USPAT   | OR | ON | 2004/05/27 11:18 |